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7 May 1963

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**MEMORANDUM FOR THE RECORD**

**SUBJECT : Purcell Panel**

**REFERENCE: Memo for the Record, dtd 7 May 63, Same subject**



1. Subsequent to reference, Dr. Garvin has advised Dr. Purcell that he has cancelled his European trip and will be glad to serve on the panel. Dr. Ling of Bell Laboratories has also acknowledged his availability.

2. On 6 May Colonel Miller advised that he will contact Dr. Eugene Fubini and ascertain his availability, however, he enjoined the undersigned from discussing the panel with Mr. Arthur Lundahl since some question arose at the Director's Meeting yesterday concerning the propriety of assigning Mr. Lundahl to this panel.

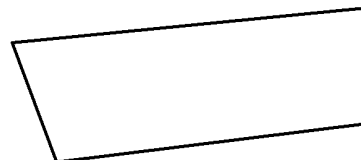
3. Gene Kiefer will contact Dr. Allen Donovan of the Aerospace Corporation and Dr. Yutay of Eastman Kodak.

**JOHN N. McMANUS**  
Executive Secretary  
(Purcell Panel)

**Distribution:**

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G/PS/O&A: JRMcm  (7 May 63)



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**MEMORANDUM FOR THE RECORD**

**SUBJECT: Purcell Panel**

1. In accordance with the wishes of the DCI, Dr. Edward Purcell, Harvard University, met with Dr. Scoville on 2 May to discuss the formation of a panel to consider future reconnaissance operations, with particular emphasis on satellite reconnaissance. [REDACTED] As an initial exercise, Dr. Purcell identified certain individuals whom he would desire be represented on the panel. He selected Dr. James Baker, Harvard University; Dr. Richard Garvin, Watson Laboratories; Dr. Donald Ling, Bell Laboratories; Dr. Herbert York, University of California; Dr. Eugene Fubini, DOD; Mr. Arthur G. Lundahl, WPIC; and Dr. Henry Yutzy, Eastman Kodak and Dr. Edwin Land, Polaroid Corporation.

2. Dr. Purcell, limited in his own availability for panel work to the first two weeks in June, selected June 4 and 5 for meeting days to consider reconnaissance operations. The meeting would take into account agenda items to be prepared by Messrs. Kiefer and McMahon according to the wishes of the DCI. The two-day conference would be limited to briefings and general discussions concerning the topics, to be followed by a single-day meeting the subsequent week which would result in a single report to the DCI. The panel will concern itself with only photographic reconnaissance operations and will not touch upon SIGINT activities. It will briefly consider aircraft and drone programs now active or programmed, but the bulk of its attention will be devoted to the analysis of present satellite systems, their growth potential and possible follow-on satellites. Recommendations from the Panel will suggest systems to be researched as well as modifications to existing ones. The Panel will also consider stabilization problems of satellite systems which will permit direct readout, even at a low resolution, and also consider other systems proposals such as the United Aircraft Corporation inertial guidance system within a satellite. In other

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words, all satellite photographic proposals will be considered as well as a designation of specific areas in which further endeavors should be made.

3. A telephone call to Dr. Garwin on the West Coast revealed a conflict in schedule, thus forcing deletion of his name from the panel. In his place Dr. Purcell will seek Dr. Charles Townes of MIT. Dr. Purcell will also contact Dr. Baker, and if Dr. Baker cannot accept the panelship, then Dr. Purcell will solicit from Dr. Baker names of experts in the optic field. Dr. Scoville will contact Dr. Ling and Dr. York regarding their availability. Dr. Yutzy of HK will be contacted by either Dr. Scoville or Gene Kiefer concerning his availability as consultant to the panel.

4. On either 13 or 14 May, Gene Kiefer will arrange with [redacted] of Eastman Kodak to brief Dr. Purcell and possibly others regarding Eastman's proposals for satellite camera systems.

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JOHN H. MANNION  
Chief, Programs Staff  
(Special Activities)

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C/PS/OSA:JHM:M: [redacted] (7 May 63)

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